

KINGMAN FIRE DEPARTMENT



2013 ANNUAL REPORT

Fire Chief
Chuck Osterman

Operations
Assistant Chief
Joe Dorner

Battalion Chiefs
Captains

Dan Barkhurst, Roger Dixon, William Johnston, R. Porter Williams

James Bailey, Robert Borker, Bob Casson, Robert Cole, Joe Cowin, Tom Flanagan, Ronald Gordon, Larry Hanson, Kelly Johnson, Shane Milligan, Fred Warring, Dan Winder

Engineers

Brad Abraham, Jason Burke, Jeff Campbell, Chris Jackson, Chris Kimrey, Matt Klenke, Joey Meins, Tanner Miller, Mark Olivas, David Ravenberg, Andrew Rucker, Curt Schrade, Chris Simpson, Mike Stapleton, Keith Walker

Firefighters

Mike Barnes, Donnie Gilbert, Genaro Herrera, EJ Hurley, Marc Johnston, Brian Knarr, Brandon Medlin, Dustin Osborn, John Patterson, Dave Rivedal, Jeff Stapleton, Steven Witzel, Mathew Wolsey

Reserve Firefighters

Erik Berg, Chuck Casson, Kamrin Dooley, Aaron Harris, John Osterman III, John Rodriguez, Craig Steele, Bill Watson, Darren Winters

All personnel are certified at the basic level for EMS and HAZMAT with 30 at the paramedic level, 22 hazardous materials

9-1-1 Center

Administrator

April Hanss

Crew Leaders

Mandy Deets, Joel Hardy, Kari McComas, Stacy Nelson, **Communications Specialists** Diana Almanza, Amy Kennedy, Sam Kurtze, Adam Lucier, Anita Perez, Christine Salmon, Marjorie Stone, Amber Wells, Karly Wyatt

Prevention

Assistant Chief

Keith Eaton

Assistant Fire Marshal

Vacant

Fire Prevention Specialists

Mac Nelson
Dave Patriquin
Chris Weaver

Hydrant Division

Crew Leader

Rick Stewart

Hydrant Maintenance Workers

Stan Eimon
Paul Johnson

Support Staff

Administrative Assistant

Debbie McKee

Administrative Secretary

Christine Eimon

CPR Instructor

Pamela Bein

Community Service Volunteers

Craig and Kathy White

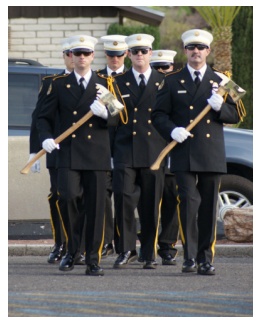
Promoted/New Staff

Firefighter Firefighter Engineer

EJ Hurley

Donnie Gilbert

Chris Jackson



**40 Years
Never Forget**



For more information,
contact us:

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Website: www.cityofkingman.gov

City of Kingman
Manager, John Dougherty
Mayor and Council
Mayor, Janet Watson
Vice Mayor, Carole Young
Richard Anderson
Larry Carver
Erin Cochran
Jen Miles
Mark Wimpee Sr.

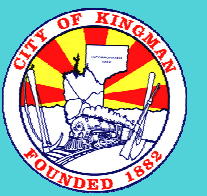
The Mission of the Kingman Fire Department is to preserve and enhance community life, health and property through quality customer service.

KINGMAN FIRE DEPARTMENT



2013

Annual Report





INTRODUCTION

2013 was a year of much change. Mayor Salem resigned to assist his family in Phoenix and Mayor Watson took the helm. City Manager Jack Kramer retired and Mr. John Dougherty took the corner office. The Yarnell tragedy hit Prescott F.D. while the Dean Peak Fire was ravaging the Hualapai's. We experienced the loss of retired B/C Greg

Duncan. Pluggy retired and Freddie Firetruck took his place to educate the next generation of youngsters in fire safety. We remembered those lost 40 years ago at Fire-fighter Memorial Park last July 5th. Two members left and we welcomed Donnie Gilbert and E.J. Hurley to the ranks.

I'd like to thank Rick Stewart for his 10 years of service as he retires from his position of crew leader with the hydrant maintenance division. And speaking of retirement, it is now on my horizon. I am going through the once mores. One more annual report, one more strategic planning, one more budget, one more Fire Chiefs Conference, one more July 4th fire works, one more brush fire season and one more Fire Prevention Week. I am excited to write the next chapter but will sincerely miss all of the City family, particularly the men and women providing public safety services through Kingman Fire and the 911 Center.

Those that put the extra effort in and pay it forward make Kingman Fire Department great. Thank you Tanner Miller for envisioning the Clear Your Car campaign after a tragic call you were on. Thank you to our Honor Guard and EMS team for your hard work in Prescott assisting with the Memorial Service. Thank you Chris Weaver for your untiring efforts in teaching fire safety even if sometimes you are "clowning around". Thank you Bill Johnston for your grant writing expertise allowing us to replace very tired equip-

ment. Thank you Joe Dorner for holding down the fort while I was in the city manager role. Thank you Keith Eaton for being the new (fire) Marshall in town. Thank you to Debbie and Christine for keeping us on



track. To A, B, and C shifts you are the day in and day out front line mission statement providers. You Rock! Thank you Sue Kern and the KRMC staff for your EMS partnership. Our 911 Center Communication Specialists receive the calls from community members when they often are having the worst day of their lives. Thank you for your calm and professional manner.

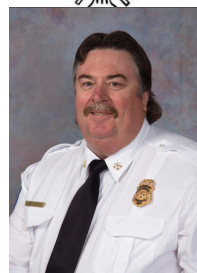
Thank you to every department across the City of Kingman for supporting our mission. From the bean counters, to the IT geeks, HR techs to Public Works across the board. From the legal beagles to our public safety partners at KPD. A special thanks to Guy and Parks staff support for Firefighter Memorial Park. You all are what make Kingman great!

I have a list of accomplishment to extol but was it not for all of the great people that I have worked with much of it would not have happened. I can't name everyone after 38 years so please except my sincere thanks one and all!

Chuck Osterman, Fire Chief

Stats Summary

- ◆ 9,064 total calls for service
- ◆ 5,662 emergency calls for service
- ◆ 4.31% increase in emergency response from last year
- ◆ 4,737 calls for EMS, 83.5% of emergency response
- ◆ 3,440 out of the 4,565 patients were transported to hospital for care



TRAINING

The Kingman Fire Department training program continued to provide the foundation for efficient and safe responses to calls for service from citizens of the community. While the training officer position remains unfilled, training continues to be a high priority and necessity for our organization. The training program relies heavily upon internal talent, knowledge and skills, as well as creativity in topic and program management and delivery. This includes scenario based drills to maintain individual, company and multi-company skills and functional effectiveness.



The training program is subdivided into several categories that include EMS, Fire Suppression, Hazmat, Technical Rescue, and Administrative. At the hub of EMS training is the maintenance of our personnel's skills, knowledge and required certifications. We conducted partnered EMT and Paramedic recertification programs in addition to monthly continuing education.

Our Fire Suppression training focused on response expectations and include in depth trainings for topics such as "lost, missing and trapped firefighters (Mayday)", master water stream and aerial operations, driver operator refresher programs, and incident management. Hazmat training included required knowledge and skills refresher training as well as "hands on" training for operations and technician response personnel.

Technical Rescue training was delivered in topic areas that broke disciplines. These trainings were spearheaded by 6 technical rescue technicians who have assumed the role of preparing other personnel for response. Classroom and drill trainings were conducted for rope, water, confined space, and heavy duty extrication.

Policy, procedures, officer, and other administrative training was conducted within the organization as well as in coordination with the City of Kingman HR Department.

YOUTH EXPLORER PROGRAM

Kingman Fire Department Explorer Post #10, started in May 2009. The purpose of Fire Department Exploring is to provide a vocational experience, by which Explorers may gain insight and knowledge regarding all aspects of the firefighting professions, including required qualifications training and skills, which the Explorer will be able to practice at special events and competitions.



HONOR GUARD

The Kingman Fire Department Honor Guard is a joint venture between the Kingman Fire Department, the Kingman Fire Fighters Association, The Kingman Unified Firefighters Local # 4191 and the Northern Arizona Consolidated Fire District # 1. There are 20 members with an explosion of growth in the Kingman Fire Pipes & Drums in 2013. At the end of 2012 we received an incredible gift from the Calgary Police Service Pipes & Drums of a complete "beginner" set of drums. One bass, two tenor and two snares. With that donation the band began recruiting members for a drum line.



At the end of 2012 we had three pipers. At the end of 2013 we have 9 full time band members, two "seasonal" members from Calgary, Canada, Liz and Terry Clarke and one piper in training for a total of twelve.



Our membership to date is: Pipers; Mac Nelson, Jim Glover, Fred Warring, Stacey Macdaniels-Merritt, Terry Clarke and John Hansen, with Joel Hardy, piper in training. The Drum line is: Keith Eaton, Craig White, Chris Weaver, Liz Clarke and Julia Glover.

We have seen an outpouring of support from such organizations as The Kingman Fire Fighters Association and the IAFF local 4191 as well as individuals from the greater Kingman community.

We have participated in many group and solo events throughout the year and look forward to many more in the years to come. The Honor Guard participates in local Memorial Day celebrations, an annual memorial for the KFD Fallen Firefighters and attended the Arizona Fallen Fire Fighters memorial in Phoenix. The Honor Guard is a volunteer group and spends many hours practicing and honing its skills.



Another purpose is to develop leaderships skills through experience of self government and cooperation with the organization and to provide the area with a well-trained volunteer organization to assist the City of Kingman. One more purpose is to show people in the community, through a wholesome representation of the Fire Department, that today's youth are recognized for effective leadership and commitment to the people and city.

FIRE PREVENTION

The mission of the Fire Prevention Bureau is to protect the public and the fire service with coordinated efforts in code enforcement and public education thereby reducing the loss of life and property due to fire and other emergencies in the City of Kingman. Some of the activities conducted by our division are review of construction documents; license, regular, hazard, and safety inspections; safety education and training; and data management. The City of Kingman adopted the 2012 International Code Council family of codes effective July 1, 2013.

The Fire Prevention Bureau, led by Assistant Fire Chief/ Fire Marshal Keith Eaton, is also responsible for fire investigation, child passenger safety seat inspection, installation of residential emergency access systems (Knox boxes), as well as residential smoke detector program administration and juvenile fire setter intervention, where we provide follow up on incidents and reports of youths playing with fire or who have expressed interest in fire and may be at higher risk.

Nationally, children playing with fire are the cause for more than 80,000 structure fires per year resulting in 760 deaths and 3,500 injuries. We work with Mohave County Probation, Mohave Mental Health Services, parents and often other children in the household to provide a holistic approach.

The Fire Prevention Division is also responsible for the coordination and management of our facilities/stations and our hydrant maintenance program.



With CPR and Fire Safety combined there were 195 events with a total of 8,627 public contacts.

Public Education	Contacts
Total Classes	195
Total Seniors	181
Total Adults	1,072
Total Juveniles	7,374



CPR Saves

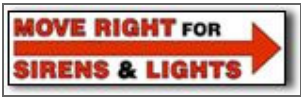
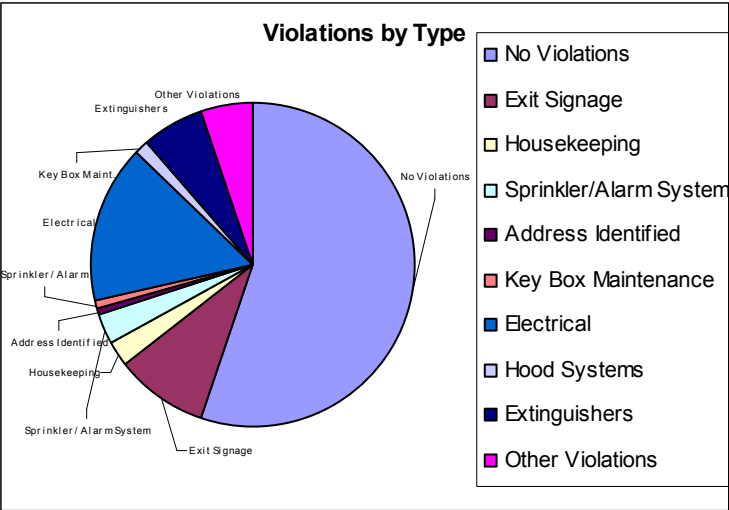
We provide CPR training as a FREE community service.

29 CPR classes were held this year with 12 seniors, 114 adults for a total of 126 participating.



Non-Emergency Fire Prevention Activities	
Commercial Plan Reviews	95
Residential Plan Reviews	118
License Reviews	303
Special Events	57
Engineering Reviews	0
P & Z Reviews	1
Code Enforcement	152
Public Education	195
Building Inspections	1,727
Other Calls for Service	754
Total	3,402

Business Inspection Violations by Type



Hydrant Maintenance

Kingman Fire Department is responsible for testing, repairing, and maintaining the 2,454 hydrants within the expanding water system. This includes 1,790 hydrants within the city limits and 664 outside of the city. Seven hydrants were added to the system in 2013.

Hydrant Activity	
Flowed	809
Flushed	393
Serviced	65
Painted	1,649
Inspected	4,153
Repaired	60
Weeded	1,935
Valve Checked	2,528
Total Activity	11,592

OPERATIONS DIVISION ACTIVITY

Kingman Fire Department firefighters responded to 9,064 calls for emergency incidents and service in 2013. We continue to respond to the community's always evolving need for assistance. The core types of services provided by the Operations Division included fire control extinguishment, treatment of emergency medical care, stabilization and extrication of patients at vehicular accidents, response and control of hazardous materials releases, investigation of fire alarm activations, response and stabilization of weather related emergency incidents, and general assistance.

These services and others were delivered to the citizens of Kingman as well as to those who pass through and conduct business within the city limits. Additionally, the department delivers and receives reciprocation of services through formal automatic and mutual aid agreements with other fire departments in the area and throughout Mohave County.

At the hub of the operations division's ability to provide quality customer service are the 40 uniformed personnel that staff engine companies 24 hours a day, seven days a week. These personnel are assigned to three rotating shifts, each being managed by an on-duty battalion chief. KFD also utilizes part-time firefighters to assist in providing backfill staffing, for instances when fulltime personnel are out of the workplace for vacation and sick leave absences. Each engine company maintains a minimum staffing of 3

	2008	2009	2010	2011	2012	2013	% increase
Fire	921	916	822	845	838	925	0.43%
Medical	3673	3831	4074	4229	4589	4737	28.97%
Non-Emergency	3984	3788	3529	3828	3532	3402	-14.61%
Total	8578	8535	8425	8902	8959	9064	5.67%
Total Emergency	4594	4747	4896	5074	5427	5662	23.25%

personnel who include personnel ranked and trained to specific functional levels and certified at the minimum level of Emergency Medical Technician (EMT) Basic. Minimum staffing requirements also dictate that at least one engine company member be certified at the EMT Paramedic level. These personnel provide the ability for Kingman Fire Department to deliver advanced life support treatment to patients in the field as well as during transport to Kingman Regional Medical Center.

The Operations Division continues to support itself through internal work groups that provide guidance and feedback to, and for, specific department functions. These groups, known as committees, are comprised of department members across ranks and are representative of all shifts. They



provide the opportunity for a global perspective for issues that require focused critical thinking and in many instances influence organizational decision making. The standing committees include:

EMS Committee – Research and examine current practices, conditions and equipment to meet the needs of provider personnel and the Kingman community. This past year the group has reviewed EMS products and worked with the Administrative Battalion Chief to enhance the medical recertification process.

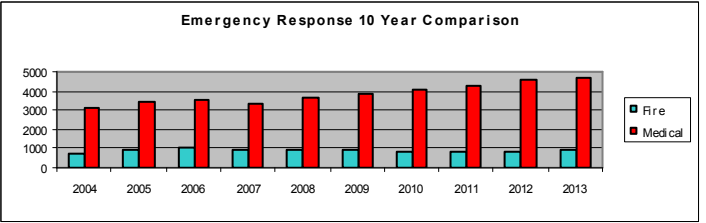
Physical Fitness Committee – Promote physical fitness and wellness within the organization and guide a systematic approach to maintaining physical fitness and wellness of personnel. This past year the group worked to make recommendations to provide consistency in the annual testing process and to enhance the structure of the program.

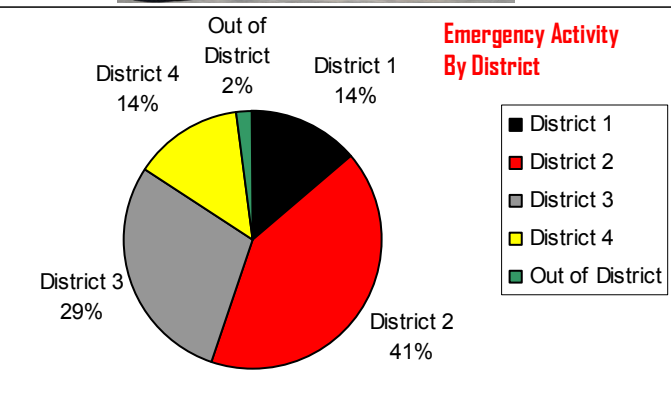
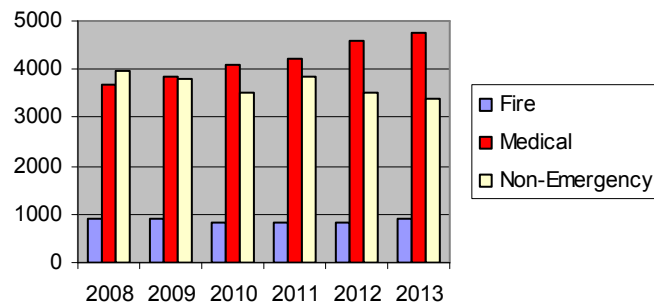
Safety Committee – Review workplace injuries and accidents to recommend change of practices, conditions, and/or equipment that reduce or prevent future incidents. This year the committee has provided feedback on injuries and accidents and began looking at some department safety initiatives.

Steering Committee – Address and seek resolution to department issues that affect line personnel's workplace. This includes issues such as scheduling, training, and general operational approaches. This past year the group discussed and provided input on department scheduling, response and potential alternative response mechanisms and apparatus.

In addition to these standing committees, project driven committees are either in place or developed for limited time frames and functions. This past year the apparatus committee was extremely active in providing specification recommendations for the acquisition and purchase of a new engine and designing specifications for a water tender that was funded by a grant.

A few faces changed in 2013 in the Operations Division with Engineer Steve Dixon and Firefighter David Foster taking their services to other organizations. Firefighters Donald Gilbert and EJ Hurley filled the created vacancies.
Joseph Dornier, Asst. Fire Chief





5 year Comparison of Emergency Incidents

Call Type	2009	2010	2011	2012	2013
Structure Fire	28	24	25	35	20
Vehicle Fire	21	27	21	25	24
Brush Fire	19	22	32	55	128
Rubbish Fire	29	15	20	19	20
Other Fire	30	24	19	15	12
Other Hazard	101	105	108	142	131
Good Intent/False	688	605	620	547	590
General Illness	2,034	2,584	2,757	2,806	2,911
Falls	254	241	299	363	308
Cardiac	253	169	213	269	209
Respiratory	183	184	182	199	229
Emotional	143	140	187	232	188
Motor Vehicle	103	126	108	175	208
Assault and Gunshots	53	48	51	52	55
OD/Poison	57	51	40	76	55
Other Medical	751	531	392	417	574
Total	4,747	4,896	5,074	5,427	5662

Kingman Fire Department Facility and Equipment Data

Building	Address	Year Built	# Personnel Housed Daily	Apparatus
Station 1	301 N. Fifth Street	1973/ 1974	4 (includes Battalion Chief)	U-246 Battalion Chief E-211 2007 Pierce, Engine E-212 1992 Pierce, Reserve Engine B-216 1995 Ford, Wildland Vehicle S-217 1982 International, Hazmat Support Unit
Station 2 & Training Ground	1605 Harrison Street	1962/ 1963	3 to 4	E-221 1998 Pierce, Engine E-222 1995 Pierce, Reserve Engine T-228 1985 Ford, Water Tender T-218 1989 GMC, Water Tender
Station 3	4000 N. Sierra Road	1996	4	E-231 2009 Pierce, Engine L-234 2002 Pierce, Ladder Truck R-235 2007 Freightliner, Medium Rescue U-265 2001 Ford, Travel Vehicle Mass Casualty Trailer Ranger 4 x 4 2005, Off-Road SUV Support Vehicle
Station 4	302 Eastern Street	1987	3	E-241 2004 Pierce, Engine B-246 2000 Ford, Wildland Vehicle

Quick dispatcher response, rapid response by our EMS personnel and the use of effective protocols with cardiac arrest patients has increased the return of spontaneous circulation (ROSC) with a patient discharge from hospital with no neural deficits from <5% to 30% .

There were no deaths as a result of fire in 2013.



Emergency response increased 4.31% in the last year and 48.6% in the last ten years.



EMERGENCY MEDICAL SERVICES

The Kingman Fire Department has been providing rescue services to our citizens since the inception of our department, providing a foundation for our community service and a commitment to our citizens which continues to this day. Initially, first aid, motor vehicle accidents and resuscitation calls for service were common place.

As our community grew and evolved the demand for services and the growing sophistication of the profession indicated the need for fire based Pre-Hospital Emergency Medical Services (EMS). In 1983 our EMS program developed rapidly as Kingman Regional Medical Center (KRMC) became a licensed base station for pre-hospital care. Kingman Fire Department (KFD) currently provides the highest level of EMS service to the public. We participate in shap-



ing pre-hospital care in our region through collaboration with our local hospital, Arizona Department of Health Services and other area EMS providers.

Kingman Fire continues to participate with KRMC and Midwestern University by providing the opportunity for KRMC physicians to observe first hand pre-hospital emergency medical services at the emergency scene. Our line personnel assist with planning and identifying areas of need through our EMS Committee which is comprised of medical personnel from each shift.

2014 will bring continued enhancement of our EMS system as we strive to identify strategies and pathways to improve patient care. Significant improvements have been made in the area of

trauma care and stroke management through collaboration with our EMS base station hospital. Our 12 lead EKG transmission program (STEMI Alerts) significantly reduced the arrival to cardiac catheterization time. Our times are lower than the national average. This reduction in time directly correlates to more positive patient outcomes.

Fiscal Year	Budget Comparison
2006/2007	\$5,812,764
2007/2008	\$6,175,853
2008/2009	\$5,581,010
2009/2010	\$5,223,398
2010/2011	\$5,187,196
2011/2012	\$5,167,938
2012/2013	\$5,245,856
2013/2014	\$5,409,353

We continue to be involved in EMS at the state level, participating in the important Crisis for Standards of Care Committee and Community Para Medicine Workgroup. We maintain membership and involvement with the ADHS Western Regional EMS Council (President) which represents all EMS in Yuma, La Paz and Mohave County.



The average patient age for 2013 was 56.

Over 75% of the patients we treat are transported to the hospital.

